

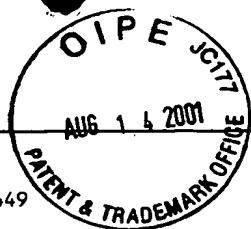
RECEIVED

#8

AUG 15 2001

TECH CENTER 1600/2900

Page 1 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TS	AA1	5,244,797	09/14/1993	Kotewicz <i>et al.</i>	435	194	03/18/1991
	AB1	5,405,776	04/11/1995	Kotewicz <i>et al.</i>	435	252.33	01/24/1992
	AC1	5,668,005	09/16/1997	Kotewicz <i>et al.</i>	435	194	03/12/1996
	AD1	6,063,608	05/16/2000	Kotewicz <i>et al.</i>	435	194	02/10/1997
TS	AE1	6,136,582	10/24/2000	Gao <i>et al.</i>	435	194	01/20/1998
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TS	AL1	WO 98/47912	10/29/1998	WIPO			Yes No
TS	AM1	WO 99/10366	03/04/1999	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	1	Allain, B., <i>et al.</i> , "CIS Elements and Trans-acting Factors required for Minus Strand DNA Transfer during Reverse Transcription of the Genomic RNA of Murine Leukemia Virus," <i>J. Mol. Biol.</i> 277:225-235, Academic Press(1998)
	AS	1	Arion, D., <i>et al.</i> , "The K65R Mutation Confers Increased DNA Polymerase Processivity to HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 271:19860-19864, American Society for Biochemistry and Molecular Biology (1996)
TS	AT	1	Arnold, E., <i>et al.</i> , "Targeting HIV Reverse Transcriptase for Anti-AIDS Drug Design: Structural and Biological Considerations for Chemotherapeutic Strategies," <i>Drug Design and Discovery</i> 13:29-47, Harwood Academic Publishers GmbH (1996)

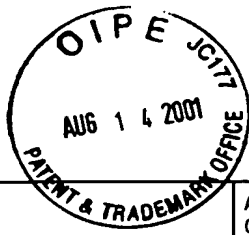
EXAMINER

Teresa Stnelechia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 2 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645-1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	2	Bahar, I., <i>et al.</i> , "Collective Motions in HIV-1 Reverse Transcriptase: Examination of Flexibility and Enzyme Function," <i>J. Mol. Biol.</i> 285:1023-1037, Academic Press (January 1999)
	AS	2	Bakhanashvili, M., and Hizi, A., "A possible role for cysteine residues in the fidelity of DNA synthesis exhibited by the reverse transcriptase of human immunodeficiency viruses type 1 and type 2," <i>FEBS</i> 304:289-293, Elsevier Science Publishers B.V. (1992)
TS	AT	2	Bakhanashvili, M., and Hizi, A., "Fidelity of the reverse transcriptase of human immunodeficiency virus type 2," <i>FEBS</i> 306:151-156, Elsevier Science Publishers B.V. (1992)

EXAMINER

Teresa Stneledia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 3 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645 7637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	3	Bakhanashvili, M., and Hizi, A., "Fidelity of the RNA-Dependent DNA Synthesis Exhibited by the Reverse Transcriptases of Human Immunodeficiency Virus Types 1 and 2 and of Murine Leukemia Virus: Mismatch Extension Frequencies," <i>Biochem. 31</i> :9393-9398, American Chemical Society (1992)
	AS	3	Bakhanashvili, M., and Hizi, A., "The fidelity of the reverse transcriptases of human immunodeficiency viruses and murine leukemia virus, exhibited by the mismatch extension frequencies, is sequence dependent and enzyme related," <i>FEBS 319</i> :201-205, Elsevier Science Publishers B.V. (1993)
TS	AT	3	Bakhanashvili, M., <i>et al.</i> , "Mutational studies of human immunodeficiency virus type 1 reverse transcriptase: the involvement of residues 183 and 184 in the fidelity of DNA synthesis," <i>FEBS Lett. 391</i> :257-262, Elsevier Science Publishers B.V. (1996)

EXAMINER

Teresa Stuedelia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 4 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
~~To be assigned~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>4</u>	Basu, S., et al., "Sulphydryl groups in the template-primer-binding domain of murine leukemia virus reverse transcriptase," <i>Biochem. J.</i> 296:577-583, The Biochemical Society, London (1993)
	AS	<u>4</u>	Beard, W.A., et al., "Structure/Function Studies of Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 269:28091-28097, American Society for Biochemistry and Molecular Biology (1994)
TS	AT	<u>4</u>	Beard, W.A., et al., "Vertical-scanning Mutagenesis of a Critical Tryptophan in the Minor Groove Binding Track of HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 273:30435-30442, American Society for Biochemistry and Molecular Biology (1998)

EXAMINER

Teresa Stuebelia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 5 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	5	Bebenek, K., and Kunkel, T.A., "The Fidelity of Retroviral Reverse Transcriptase," in <i>Reverse Transcriptase</i> , Skalka, A.M., and Goff, S.P. (eds.), Cold Spring Harbor Laboratory Press, Plainview, NY, pp. 85-102 (1993)
	AS	5	Bebenek, K., <i>et al.</i> , "Specificity and Mechanism of Error-prone Replication by Human Immunodeficiency Virus-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 264:16948-16956, American Society for Biochemistry and Molecular Biology (1989)
TS	AT	5	Bebenek, K., <i>et al.</i> , "The Effects of dNTP Pool Imbalances on Frameshift Fidelity during DNA Replication," <i>J. Biol. Chem.</i> 267:3589-3596, American Society for Biochemistry and Molecular Biology (1992)

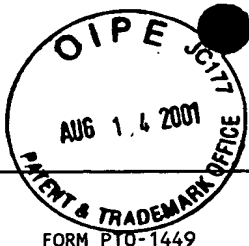
EXAMINER

Teresa Stneleclea

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 6 of 34

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1545/637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS 	AR	<u>6</u>	Bebenek, K., <i>et al.</i> , "Error-prone Polymerization by HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 268:10324-10334, American Society for Biochemistry and Molecular Biology (1993)
	AS	<u>6</u>	Bebenek, K., and Kunkel, T.A., "Analyzing Fidelity of DNA Polymerases," <i>Methods in Enzymol.</i> 262:217-232, Academic Press (1995)
TS	AT	<u>6</u>	Bebenek, K., <i>et al.</i> , "Reduced Frameshift Fidelity and Processivity of HIV-1 Reverse Transcriptase Mutants Containing Alanine Substitutions in Helix H of the Thumb Subdomain," <i>J. Biol. Chem.</i> 270:19516-19523, American Society for Biochemistry and Molecular Biology (1995)

EXAMINER

Teresa Strzelecka

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 7 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	Z	Bebenek, K., <i>et al.</i> , "A minor groove binding track in reverse transcriptase," <i>Nature Structural Biol.</i> 4:194-197, Macmillan Magazines Ltd (1997)
	AS	Z	Ben-Artzi, H., <i>et al.</i> , "Characterization of the double stranded RNA dependent RNase activity associated with recombinant reverse transcriptase," <i>Nucleic Acids Res.</i> 20:5115-5118, Oxford University Press (1992)
TS	AT	Z	Blain, S.W., and Goff, S.P., "Effects on DNA Synthesis and Translocation Caused by Mutations in the RNase H Domain of Moloney Murine Leukemia Virus Reverse Transcriptase," <i>J. Virol.</i> 69:4440-4452, The American Society for Microbiology (1995)

EXAMINER

Teresa Stnelecia

DATE CONSIDERED

5/15/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 8 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1545~~ 1537

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	8	Boyer, J.C., <i>et al.</i> , "Analyzing the Fidelity of Reverse Transcription and Transcription," <i>Meth. in Enzymol.</i> 275:523-537, Academic Press (1996)
	AS	8	Boyer, P.L., <i>et al.</i> , "Mutational Analysis of the Fingers Domain of Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>J. Virol.</i> 66:7533-7537, The American Society for Microbiology (1992)
TS	AT	8	Boyer, P.L., <i>et al.</i> , "Mutational Analysis of the Fingers and Palm Subdomains of Human Immunodeficiency Virus Type-1 (HIV-1) Reverse Transcriptase," <i>J. Mol. Biol.</i> 243:472-483, Academic Press (1994)

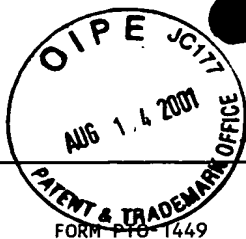
EXAMINER

Teresa Stulecia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 9 of 34

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	2	Boyer, P.L., and Hughes, S.H., "Analysis of Mutations at Position 184 in Reverse Transcriptase of Human Immunodeficiency Virus Type 1," <i>Antimicrobial Agents and Chemotherapy</i> 39:1624-1628, The American Society for Microbiology (1995)
	AS	2	Caliendo, A.M., <i>et al.</i> , "Effects of Zidovudine-Selected Human Immunodeficiency Virus Type 1 Reverse Transcriptase Amino Acid Substitutions on Processive DNA Synthesis and Viral Replication," <i>J. Virol.</i> 70:2146-2153, The American Society for Microbiology (1996)
TS	AT	2	Catucci, M., <i>et al.</i> , "Development and Significance of the HIV-1 Reverse Transcriptase M184V Mutation During Combination Therapy With Lamivudine, Zidovudine, and Protease Inhibitors," <i>J. Acquired Immune Deficiency Syndromes</i> 21:203-208, Lippincott Williams & Wilkins, Inc. (July 1999)

EXAMINER Teresa Stuebele

DATE CONSIDERED 5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED
AUG 15 2001
TECH CENTER 1600/2900

Page 10 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001

APPLICATION NO.
09/808,124

APPLICANT
Potter *et al.*

FILING DATE
March 15, 2001

GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>10</u>	Chao, S-F., <i>et al.</i> , "Mutational sensitivity patterns define critical residues in the palm subdomain of the reverse transcriptase of human immunodeficiency virus type 1," <i>Nucleic Acids Res.</i> 23:803-810, Oxford University Press (1995)
	AS	<u>10</u>	Chen, Y., and Marion, P.L., "Amino Acids Essential for RNase H Activity of Hepadnaviruses Are Also Required for Efficient Elongation of Minus-Strand Viral DNA," <i>J. Virol.</i> 70:6151-6156, The American Society for Microbiology (1996)
TS	AT	<u>10</u>	Chowdhury, K., <i>et al.</i> , "Elucidation of the Role of Arg 110 of Murine Leukemia Virus Reverse Transcriptase in the Catalytic Mechanism: Biochemical Characterization of Its Mutant Enzymes," <i>Biochemistry</i> 35:16610-16620, American Chemical Society (1996)

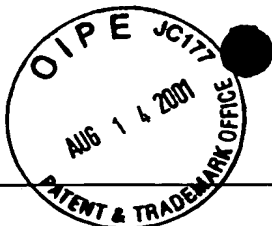
EXAMINER

Teresa Stuchlik

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 11 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
~~To be assigned~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	11	Creighton, S., et al., "Base Mismatch Extension Kinetics," 267:2633-2639, American Society for Biochemistry and Molecular Biology (1992)
	AS	11	DeStefano, J.J., et al., "Parameters that influence processive synthesis and site-specific termination by human immunodeficiency virus reverse transcriptase on RNA and DNA templates," <i>Biochimica et Biophysica Acta</i> 1131:270-280, Elsevier Science Publishers B.V. (1992)
TS	AT	11	Diaz, L., and DeStefano, J.J., "Strand transfer is enhanced by mismatched nucleotides at the 3' primer terminus: a possible link between HIV reverse transcriptase fidelity and recombination," <i>Nucleic Acids Res.</i> 24:3086-3092, Oxford University Press (1996)

EXAMINER

Teresa Stenelella

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 12 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
T545 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	12	Drosopoulos, W.C., and Prasad, V.R., "Increased Polymerase Fidelity of E89G, a Nucleoside Analog-Resistant Variant of Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>J. Virol.</i> 70:4834-4838, The American Society for Microbiology (1996)
	AS	12	Drosopoulos, W.C., and Prasad, V.R., "Increased Misincorporation Fidelity Observed for Nucleoside Analog Resistance Mutations M184V and E89G in Human Immunodeficiency Virus Type 1 Reverse Transcriptase Does Not Correlate with the Overall Error Rate Measured In Vitro," <i>J. Virol.</i> 72:4224-4230, The American Society for Microbiology (1998)
TS	AT	12	Dudding, L.R., <i>et al.</i> , "Analysis of the RNA- and DNA-Dependent DNA Polymerase Activities of Point Mutants of HIV-1 Reverse Transcriptase Lacking Ribonuclease H Activity," <i>Biochemistry</i> 30:10498-10506, American Chemical Society (1991)

EXAMINER

Teresa Stnelecia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 13 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
To be assigned 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	13	Eckert, K.A., and Kunkel, T.A., "Fidelity of DNA synthesis catalyzed by human DNA polymerase α and HIV-1 reverse transcriptase: effect of reaction pH," <i>Nucleic Acids Res.</i> 21:5212-5220, Oxford University Press (1993)
	AS	13	Feng, J.Y., and Anderson, K.S., "Mechanistic Studies Examining the Efficiency and Fidelity of DNA Synthesis by the 3TC-Resistant Mutant (184V) of HIV-1 Reverse Transcriptase," <i>Biochemistry</i> 38:9440-9448, The American Chemical Society (July 1999; published on the web 06/30/1999)
TS	AT	13	Gao, G., and Goff, S.P., "Replication Defect of Moloney Murine Leukemia Virus with a Mutant Reverse Transcriptase That Can Incorporate Ribonucleotides and Deoxyribonucleotides," <i>J. Virol.</i> 72:5905-5911, The American Society for Microbiology (1998)

EXAMINER

Teresa Stnelechia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**RECEIVED**

AUG 15 2001

TECH CENTER 1600/2900

Page 14 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	14	Gao, G., <i>et al.</i> , "Conferring RNA polymerase Activity to a DNA polymerase: A single residue in reverse transcriptase controls substrate selection," <i>Proc. Natl. Acad. Sci. USA</i> 94:407-411, The National Academy of Sciences of the USA (1997)
	AS	14	Georgiadis, M.M., <i>et al.</i> , "Mechanistic implications from the structure of a catalytic fragment of Moloney murine leukemia virus reverse transcriptase," <i>Structure</i> 3:879-892, Current Biology Ltd (1995)
TS	AT	14	Gerard, G.F., and D'Alessio, J.M., "Reverse Transcriptase (EC 2.7.7.49)," <i>Methods in Molecular Biol.</i> 16:73-93, Humana Press (1993)

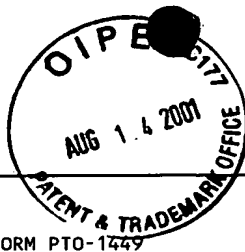
EXAMINER

Teresa Stnelechia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 1 5 2001

TECH CENTER 1600/2900

Page 15 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645-1 & 37

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	15	Goff, S.P., "Retroviral Reverse Transcriptase: Synthesis, Structure, and Function," <i>J. Acquired Immune Deficiency Syndrome</i> 3:817-831, Raven Press (1990)
	AS	15	Goobar-Larsson, L., <i>et al.</i> , "Disruption of a Salt Bridge between Asp 488 and Lys 465 in HIV-1 Reverse Transcriptase Alters Its Proteolytic Processing and Polymerase Activity," <i>Virology</i> 196:731-738, Academic Press (1993)
TS	AT	15	Götte, M., <i>et al.</i> , "The M184V Mutation in the Reverse Transcriptase of Human Immunodeficiency Virus Type 1 Impairs Rescue of Chain-Terminated DNA Synthesis," <i>J. Virol.</i> 74:3579-3585, The American Society for Microbiology (April 2000)

EXAMINER Teresa Stnelechia

DATE CONSIDERED 5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 16 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

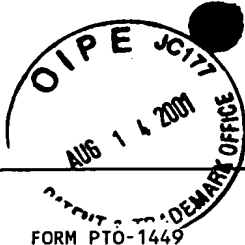
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS 	AR	16	Guo, J., <i>et al.</i> , "Defects in Primer-Template Binding, Processive DNA Synthesis, and RNase H Activity Associated with Chimeric Reverse Transcriptases Having the Murine Leukemia Virus Polymerase Domain Joined to <i>Escherichia coli</i> RNase H," <i>Biochemistry</i> 34:5018-5029, The American Chemical Society (1995)
	AS	16	Gutiérrez-Rivas, M., <i>et al.</i> , "Mutational Analysis of Phe160 within the "Palm" Subdomain of Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>J. Mol. Biol.</i> 290:615-625, Academic Press (July 1999)
TS	AT	16	Hamburgh, M.E., <i>et al.</i> , "The influence of 3TC-resistance mutations E89G and M184V in the human immunodeficiency virus reverse transcriptase on mispair extension efficiency," <i>Nucleic Acids Res.</i> 26:4389-4394, Oxford University Press (1998)

EXAMINER Teresa Stnelechia

DATE CONSIDERED 5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 17 of 34

INFORMATION DISCLOSURE STATEMENT

FORM PTO-1449

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	17	Harris, D., <i>et al.</i> , "Loss of Polymerase Activity Due to Tyr to Phe Substitution in the YMDD Motif of Human Immunodeficiency Virus Type-1 Reverse Transcriptase Is Compensated by Met to Val Substitution within the Same Motif," <i>Biochemistry</i> 37:9630-9640, The American Chemical Society (1998)
	AS	17	Harris, D., <i>et al.</i> , "Functional Analysis of Amino Acid Residues Constituting the dNTP Binding Pocket of HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 273:33624-33634, American Society for Biochemistry and Molecular Biology (1998)
TS	AT	17	Hizi, A., and Hughes, S.H., "Expression in <i>Escherichia coli</i> of a Moloney murine leukemia virus reverse transcriptase whose structure closely resembles the viral enzyme," <i>Gene</i> 66:319-323, Elsevier Science Publishers B.V. (1988)

EXAMINER

Teresa Stnelechia

DATE CONSIDERED

5/13/02

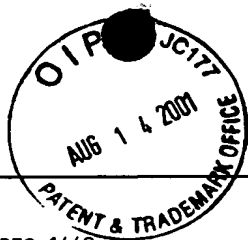
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 18 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>18</u>	Hizi, A., <i>et al.</i> , "Catalytic Properties of the Reverse Transcriptase of Human Immunodeficiency Viruses Type 1 and Type 2," <i>J. Biol. Chem.</i> 266:6230-6239, The American Society for Biochemistry and Molecular Biology (1991)
	AS	<u>18</u>	Hsu, M., <i>et al.</i> , "Higher fidelity of RNA-dependent DNA mispair extension by M184V drug-resistant than wild-type reverse transcriptase of human immunodeficiency virus type 1," <i>Nucleic Acids Research</i> 25:4532-4536, Oxford University Press (1997)
TS	AT	<u>18</u>	Hübner, A., <i>et al.</i> , "Fidelity of Human Immunodeficiency Virus Type I Reverse Transcriptase in Copying Natural RNA," <i>J. Mol. Biol.</i> 223:595-600, Academic Press (1992)

EXAMINER

Teresa Stuebele

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 19 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
4645 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS 	AR	19	Ji, J., and Loeb, L.A., "Fidelity of HIV-1 Reverse Transcriptase Copying RNA in Vitro," <i>Biochemistry</i> 31:954-958, The American Chemical Society (1992)
	AS	19	Jin, J., <i>et al.</i> , "Analysis of the Role of Glutamine 190 in the Catalytic Mechanism of Murine Leukemia Virus Reverse Transcriptase," <i>J. Biol. Chem.</i> 274:20861-20868, American Society for Biochemistry and Molecular Biology (July 1999)
TS	AT	19	Kanda, T., and Saigo, K., "Chimeric reverse transcriptase of Moloney murine leukaemia virus, having the YXDD box of a <i>Drosophila</i> retrotransposon, 17.6," <i>Biochimica et Biophysica Acta</i> 1163:223-226, Elsevier Science Publishers B.V. (1993)

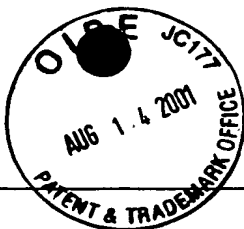
EXAMINER

Teresa Stnelechia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 20 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
To be assigned 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	20	Kati, W.M., et al., "Mechanism and Fidelity of HIV Reverse Transcriptase," <i>J. Biol. Chem.</i> 267:25988-25997, American Society for Biochemistry and Molecular Biology (1992)
	AS	20	Kaushik, N., et al., "Tyrosine 222, a Member of the YXDD Motif of MuLV RT, Is Catalytically Essential and Is a Major Component of the Fidelity Center," <i>Biochemistry</i> 38:2617-2627, The American Chemical Society (March 1999; published on the web 02/10/1999)
TS	AT	20	Kaushik, N., et al., "Role of Glutamine-151 of Human Immunodeficiency Virus Type-1 Reverse Transcriptase in RNA-Directed DNA Synthesis," <i>Biochemistry</i> 36:14430-14438, The American Chemical Society (1997)

EXAMINER

Teresa Stuedelia

DATE CONSIDERED

5/13/02

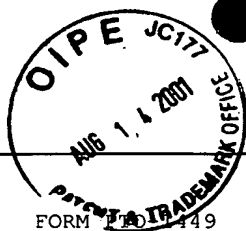
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 21 of 34



INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
~~To be assigned~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	21	Kaushik, N., et al., "Role of Glutamine 151 of Human Immunodeficiency Virus Type-1 Reverse Transcriptase in Substrate Selection As Assessed by Site-Directed Mutagenesis," <i>Biochemistry</i> 39:2912-2920, The American Chemical Society (March 2000; published on the web 02/22/2000)
	AS	21	Kerr, S.G., and Anderson, K.S., "RNA Dependent DNA Replication Fidelity of HIV-1 Reverse Transcriptase: Evidence of Discrimination between DNA and RNA Substrates," <i>Biochemistry</i> 36:14056-14063, The American Chemical Society (1997)
TS	AT	21	Kew, Y., et al., "The Nucleoside Analog-Resistant E89G Mutant of Human Immunodeficiency Virus Type 1 Reverse Transcriptase Displays a Broader Cross-Resistance That Extends to Nonnucleoside Inhibitors," <i>Antimicrobial Agents and Chemotherapy</i> 40:1711-1714, The American Society for Microbiology (1996)

EXAMINER

Teresa Stuebele

DATE CONSIDERED

5/13/02

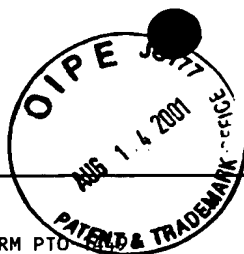
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 22 of 34



FORM PTO

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~4645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>22</u>	Kim, B., <i>et al.</i> , "New Human Immunodeficiency Virus, Type 1 Reverse Transcriptase (HIV-1 RT) Mutants with Increased Fidelity of DNA Synthesis," <i>J. Biol. Chem.</i> 274:27666-27673, American Society for Biochemistry and Molecular Biology (September 1999)
	AS	<u>22</u>	Kim, B., <i>et al.</i> , "Human Immunodeficiency Virus Reverse Transcriptase," <i>J. Biol. Chem.</i> 271:4872-4878, American Society for Biochemistry and Molecular Biology (1996)
TS	AT	<u>22</u>	Kim, B., "Genetic Selection in <i>Escherichia coli</i> for Active Human Immunodeficiency Virus Reverse Transcriptase Mutants," <i>Methods</i> 12:318-324, Academic Press (1997)

EXAMINER

Teresa Stuebelia

DATE CONSIDERED

5/13/02

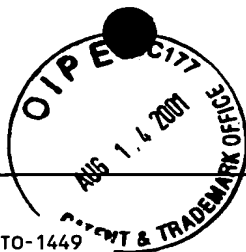
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 23 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001

APPLICATION NO.
09/808,124

APPLICANT
Potter *et al.*

FILING DATE
March 15, 2001

GROUP
1645 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	23	Kim, B., <i>et al.</i> , "Fidelity of Mutant HIV-1 Reverse Transcriptases: Interaction with the Single-Stranded Template Influences the Accuracy of DNA Synthesis," <i>Biochemistry</i> 37:5831-5839, The American Chemical Society (1998)
	AS	23	Larder, B.A., <i>et al.</i> , "Site-specific mutagenesis of AIDS virus reverse transcriptase," <i>Nature</i> 327:716-717, Macmillan Magazines Ltd (1987)
TS	AT	23	Mao, J-R., <i>et al.</i> , "An Unusual Bacterial Reverse Transcriptase Having LVDD in the YXDD Box from <i>Escherichia coli</i> ," <i>Biochem. Biophys. Res. Comm.</i> 227:489-493, Academic Press (1996)

EXAMINER

Teresa Stuebelia

DATE CONSIDERED

5/13/02

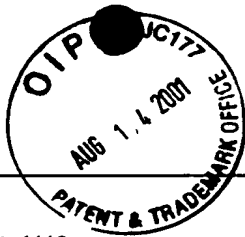
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 24 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
1645 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	24	Martin-Hernandez, A.M., <i>et al.</i> , "Human immunodeficiency virus type 1 reverse transcriptase: role of Tyr115 in deoxynucleotide binding and misinsertion fidelity of DNA synthesis," <i>EMBO J.</i> 15:4434-4442, Oxford University Press (1996)
	AS	24	Martin-Hernandez, A.M., <i>et al.</i> , "Mispair extension fidelity of human immunodeficiency virus type 1 reverse transcriptases with amino acid substitutions affecting Tyr115," <i>Nucleic Acids Res.</i> 25:1383-1389, Oxford University Press (1997)
TS	AT	24	Oude Essink, B.B., <i>et al.</i> , "Increased polymerase fidelity of the 3TC-resistant variants of HIV-1 reverse transcriptase," <i>Nucleic Acids Res.</i> 25:3212-3217, Oxford University Press (1997)

EXAMINER

Teresa Stuebele

DATE CONSIDERED

5/13/02

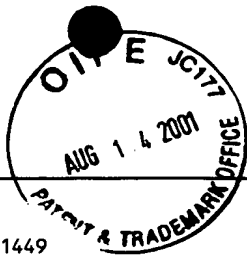
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 25 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	25	Pandey, V.N., <i>et al.</i> , "Role of Methionine 184 of Human Immunodeficiency Virus Type-1 Reverse Transcriptase in the Polymerase Function and Fidelity of DNA Synthesis," <i>Biochemistry</i> 35:2168-2179, The American Chemical Society (1996)
	AS	25	Patel, P.H., <i>et al.</i> , "Insights into DNA Polymerization Mechanisms from Structure and Function Analysis of HIV-1 Reverse Transcriptase," <i>Biochemistry</i> 34:5351-5363, The American Chemical Society (1995)
TS	AT	25	Perrino, F.W., <i>et al.</i> , "Extension of mismatched 3' termini of DNA is a major determinant of the infidelity of human immunodeficiency virus type 1 reverse transcriptase," <i>Proc. Natl. Acad. Sci. USA</i> 86:8343-8347, The National Academy of Sciences of the USA (1989)

EXAMINER

Teresa Stneledia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 26 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>26</u>	Pop, M.P., and Biebricher, C.K., "Kinetic Analysis of Pausing and Fidelity of Human Immunodeficiency Virus Type 1 Reverse Transcription," <i>Biochemistry</i> 35:5054-5062, The American Chemical Society (1996)
	AS	<u>26</u>	Quan, Y., <i>et al.</i> , "Endogenous Reverse Transcriptase Assays Reveal Synergy between Combinations of the M184V and other Drug Resistance-conferring Mutations in Interactions with Nucleoside Analog Triphosphates," <i>J. Mol. Biol.</i> 277:237-247, Academic Press (1998)
TS	AT	<u>26</u>	Quan, Y., <i>et al.</i> , "Dominance of the E89G Substitution in HIV-1 Reverse Transcriptase in Regard to Increased Polymerase Processivity and Patterns of Pausing," <i>J. Biol. Chem.</i> 273:21918-21925, American Society for Biochemistry and Molecular Biology (1998)

EXAMINER

Teresa Stuebele

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~4645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>27</u>	Rezende, L.F., <i>et al.</i> , "The Impact of Multidideoxynucleoside Resistance-Confering Mutations in Human Immunodeficiency Virus Type 1 Reverse Transcriptase on Polymerase Fidelity and Error Specificity," <i>J. Virol.</i> 72:2890-2895, The American Society for Microbiology (1998)
	AS	<u>27</u>	Rezende, L.F., <i>et al.</i> , "The influence of 3TC resistance mutation M184I on the fidelity and error specificity of human immunodeficiency virus type 1 reverse transcriptase," <i>Nucleic Acids Res.</i> 26:3066-3072, Oxford University Press (1998)
TS	AT	<u>27</u>	Roberts, J.D., <i>et al.</i> , "The Accuracy of Reverse Transcriptase from HIV-1," <i>Science</i> 242:1171-1173, American Association for the Advancement of Science (1988)

EXAMINER

Teresa Stuebelig

DATE CONSIDERED

5/13/02

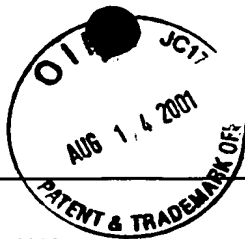
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 28 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>28</u>	Rubinek, T., <i>et al.</i> , "The fidelity of 3' misinsertion and mispair extension during DNA synthesis exhibited by two drug-resistant mutants of the reverse transcriptase of human immunodeficiency virus type 1 with Leu74→Val and Glu89→Gly," <i>Eur. J. Biochem.</i> 247:238-247, Springer International (1997)
	AS	<u>28</u>	Sarafianos, S.G., <i>et al.</i> , "Glutamine 151 Participates in the Substrate dNTP Binding Function of HIV-1 Reverse Transcriptase," <i>Biochemistry</i> 34:7207-7216, The American Chemical Society (1995)
TS	AT	<u>28</u>	Sarafianos, S.G., <i>et al.</i> , "Site-directed Mutagenesis of Arginine 72 of HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 270:19729-19735, American Society for Biochemistry and Molecular Biology (1995)

EXAMINER Teresa Stneleclag

DATE CONSIDERED 5/13/02

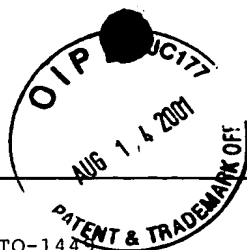
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 29 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter et al.FILING DATE
March 15, 2001GROUP
~~To be assigned~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	29	Schultz, S.J., et al., "Polypurine Tract Primer Generation and Utilization by Moloney Murine Leukemia Virus Reverse Transcriptase," <i>J. Biol. Chem.</i> 274:34547-34555, American Society for Biochemistry and Molecular Biology (December 1999)
	AS	29	Song, Q., et al., "Mutagenesis of the Glu-89 Residue in Human Immunodeficiency Virus Type 1 (HIV-1) and HIV-2 Reverse Transcriptases: Effects on Nucleoside Analog Resistance," <i>J. Virol.</i> 66:7568-7571, The American Society for Microbiology (1992)
TS	AT	29	Sooknanan, R., et al., "Fidelity of Nucleic Acid Amplification with Avian Myeloblastosis Virus Reverse Transcriptase and T7 RNA Polymerase," <i>BioTechniques</i> 17:1077-1082, Eaton Publishing Co (1994)

EXAMINER

Teresa Stuebelia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 30 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	<u>30</u>	Taube, R., <i>et al.</i> , "The fidelity of misinsertion and mispair extension throughout DNA synthesis exhibited by mutants of the reverse transcriptase of human immunodeficiency virus type 2 resistant to nucleoside analogs," <i>Eur. J. Biochem.</i> 250:106-114, Springer International (1997)
	AS	<u>30</u>	Varela-Echavarria, A., <i>et al.</i> , "Comparison of Moloney Murine Leukemia Virus Mutation Rate with the Fidelity of Its Reverse Transcriptase <i>in Vitro</i> ," <i>J. Biol. Chem.</i> 267:24681-24688, American Society for Biochemistry and Molecular Biology (1992)
TS	AT	<u>30</u>	Wainberg, M.A., <i>et al.</i> , "Enhanced Fidelity of 3TC-Selected Mutant HIV-1 Reverse Transcriptase," <i>Science</i> 271:1282-1285, American Association for the Advancement of Science (1996)

EXAMINER

Teresa Stnelecha

DATE CONSIDERED

5/13/02

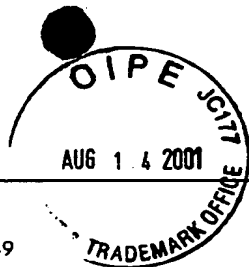
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 31 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001

APPLICATION NO.
09/808,124

APPLICANT
Potter *et al.*

FILING DATE
March 15, 2001

GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

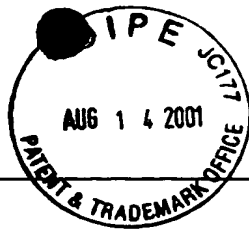
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	31	Wakefield, J.K., <i>et al.</i> , "In Vitro Enzymatic Activity of Human Immunodeficiency Virus Type 1 Reverse Transcriptase Mutants in the Highly Conserved YMDD Amino Acid Motif Correlates with the Infectious Potential of the Proviral Genome," <i>J. Virol.</i> 66:6806-6812, The American Society for Microbiology (1992)
	AS	31	Weber, J., and Grosse, F., "Fidelity of human immunodeficiency virus type I reverse transcriptase in copying natural DNA," <i>Nucleic Acids Res.</i> 17:1379-1393, Oxford University Press (1989)
TS	AT	31	Wilson, J.E., <i>et al.</i> , "Human Immunodeficiency Virus Type-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 271:13656-13662, American Society for Biochemistry and Molecular Biology (1996)

EXAMINER *Teresa Stuebele*

DATE CONSIDERED *5/13/02*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 32 of 34

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	32	Wöhrle, B.M., <i>et al.</i> , "Footprint Analysis of Replicating Murine Leukemia Virus Reverse Transcriptase," <i>Science</i> 267:96-99, American Association for the Advancement of Science (1995)
	AS	32	Yadav, P.N.S., <i>et al.</i> , "A Computer-assisted Analysis of Conserved Residues in the Three-dimensional Structures of the Polymerase Domains of <i>Escherichia coli</i> DNA Polymerase I and HIV-1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 269:716-720, American Society for Biochemistry and Molecular Biology (1994)
TS	AT	32	Yu, H., and Goodman, M.F., "Comparison of HIV-1 and Avian Myeloblastosis Virus Reverse Transcriptase Fidelity on RNA and DNA Templates," <i>J. Biol. Chem.</i> 267:10888-10896, American Society for Biochemistry and Molecular Biology (1992)

EXAMINER

Teresa Struchala

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 33 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	33	Co-pending U.S. Patent Application No. 60/189,454, filed March 15, 2000.
	AS	33	Co-pending U.S. Patent Application No. 09/677,574, filed October 3, 2000.
TS	AT	33	Co-pending U.S. Patent Application No. 09/845,157, filed May 1, 2001.

EXAMINER

Teresa Stuebele

DATE CONSIDERED

5/13/02

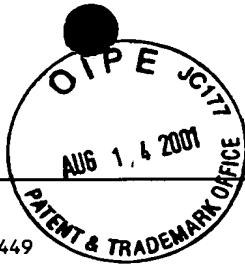
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED

AUG 15 2001

TECH CENTER 1600/2900

Page 34 of 34



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5030001APPLICATION NO.
09/808,124APPLICANT
Potter *et al.*FILING DATE
March 15, 2001GROUP
~~1645~~ 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TS	AR	34	Co-pending U.S. Patent Application filed July 12, 2001, Application No. to be assigned.
	AS		
	AT		

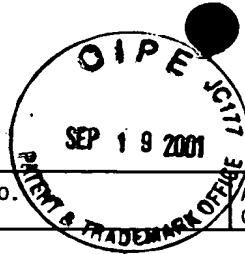
EXAMINER

Teresa Stuebelia

DATE CONSIDERED

5/13/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



29

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.5030001	APPLICATION NO. 09/808,124
	APPLICANT Potter <i>et al.</i>	
	FILING DATE March 15, 2001	GROUP 1645, 1637

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

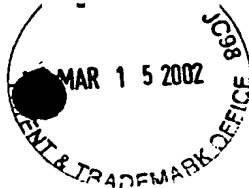
RECEIVED
SEP 21 2001
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
TS	AS	34	Lewis, D.A. <i>et al.</i> , "Uniquely Altered DNA Replication Fidelity Conferred by an Amino Acid Change in the Nucleotide Binding Pocket of Human Immunodeficiency Virus Type 1 Reverse Transcriptase," <i>J. Biol. Chem.</i> 274:32924-32930, American Society for Biochemistry and Molecular Biology, Inc. (November 1999).
	AT		

EXAMINER	Teresa Strolechia	DATE CONSIDERED	5/13/02
----------	-------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



#13

Page 1 of 1
MAR 19 2002
TECH CENTER 1600/2900

RECEIVED

FORM PTO-1449 <u>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5030001/RWE/MTT	APPLICATION NO. 09/808,124
	APPLICANT Potter et al.	
	FILING DATE March 15, 2001	GROUP 4656 1637

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
TS	AF1	US 2001/0012613 A1	08/09/2001	Loeb et al.	435	6	11/26/1997
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
	AS		
	AT		

EXAMINER <i>Teresa Stuebele</i>	DATE CONSIDERED 5/13/02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	